

II. CLAIM AMENDMENTS

1-25. (Cancelled)

26. (Currently amended) An apparatus comprising a group of at least two acceleration sensors arranged on one carrier;

wherein each acceleration sensor comprises a first body portion, a second body portion, ~~an~~ and a breakable interconnecting element, constructed to break at a predetermine rupture point, said interconnecting element making the first body portion integral with the second body portion and a detector arranged for giving an indication when ~~a~~ the breakable component-interconnecting element of the sensor is ruptured;

and wherein at least two of the sensors are oriented differently from one another, such that a first sensor is more sensitive than a second sensor to a force in a first direction, and the second sensor is more sensitive than the first sensor to a force in a second direction different to the first direction.

27. (Previously presented) The apparatus as in claim 26. Wherein the group comprises acceleration sensors responding to forces in at least three different directions.

28. (Previously presented) The apparatus as in claim 26, wherein the detector comprises a conductive path, strip, or wire arranged at least on the interconnecting element.

29. (Previously presented) The apparatus as in claim 26, wherein the detector comprises a conductive doped-silicon or polycrystalline silicon layer at least on the interconnecting element.

30. (Currently amended) The apparatus as in claim 28, wherein the interconnecting element is adapted to break when an external force affecting the second body portion of one or more of said at least two the acceleration sensor exceeds a

predetermined threshold level, wherein a break of the interconnecting element causes a break in the conductive path, strip, or layer.

31. (Previously presented) The apparatus, as in claim 26, wherein the detector comprises a conductive, path, strip or wire arranged at a distance from the second body portion, wherein the second body of the acceleration sensors moves and breaks the path, strip, or wire when an external force affecting the second body portion exceeds a predetermined threshold level.
32. (Previously presented) The apparatus as in claim 26, wherein the detector forms a part of an electrical detection loop.
33. (Previously presented) The apparatus as in claim 26, wherein the indication is stored in a memory.
34. (Previously presented) The apparatus as in claim 26, wherein the indication is remotely readable.
35. (Currently amended) The apparatus as in claim 26, wherein the at least two acceleration sensors ~~is~~ are produced by micromachining technology using a surface mountable brittle material.
36. (Previously presented) The apparatus as is claim 35, wherein the brittle material is single-crystal silicon.
37. (Previously presented) The apparatus as in claim 35, wherein the brittle material is polycrystalline silicon.
38. (Previously presented) The apparatus as in any claim 35, wherein the indication contains at least information identifying a detecting loop broken by an external acceleration force.
39. (Previously presented) The apparatus as in claim 38, wherein the indication further contains the time when the indication was given.

40. (Previously presented) The apparatus as in claim 26, wherein the status of the acceleration sensor group is readable immediately or from the memory.
41. (Previously presented) The apparatus as in claim 40, wherein at least one of the acceleration sensors in the group is adapted to give a warning to the user when an external force affecting the second body portion exceeds a predetermined threshold level.
42. (Previously presented) The apparatus as in claim 26, wherein all sensors of the group are integrated in a single block.
43. (Previously presented) The apparatus as in claim 26, wherein an acceleration of any of the sensors of the group is remotely identifiable.
44. (Previously presented) The apparatus as in claim 26, wherein all sensors of the group are integrated in a single block and the single block further comprises means for storing indications containing at least the time when the indication was given and the identity of the detector.
45. (Currently amended) The apparatus as in claim 26, wherein all sensors of the group are integrated in a multichip module together with means for storing indications containing at least the time when the indication was given and the identity of the detector.
46. (Previously presented) The apparatus as in claim 26, wherein all sensors of the group are integrated in an integrated circuit together with means for storing indications containing at least the time when the indication was given and the identity of the detector.
47. (Previously presented) A handheld terminal, comprising

an acceleration sensor arrangement comprising a group of at least two acceleration sensors;

wherein each acceleration sensor comprises a first body portion, a second body portion, an interconnecting element making the first body integral with the second body, and a detector means arranged for giving an indication when a breakable component of the sensor is ruptured and further giving an indication to a user of the handheld terminal of rupture of the breakable component;

and wherein at least two of the sensors are oriented differently from one another, such that a first sensor is more sensitive than a second sensor to a force in a first direction, and the second sensor is more sensitive than the first sensor to a force in a second direction different to the first direction.

48. (Previously presented) The handheld terminal as in claim 47, wherein the acceleration sensor arrangement is arranged to indicate to the handheld terminal when an acceleration sensor of the arrangement exceeds a predetermined threshold level and to give a warning to a user of the terminal if said indication is active when the terminal is switched on.

49. (Currently amended) A method comprising:

giving an indication when a breakable component of at least one acceleration sensor of an acceleration arrangement is ruptured;

wherein the acceleration sensor arrangement comprises a group of at least two acceleration sensors, each acceleration sensor comprising a first body portion, a second body portion, ~~an~~ and a breakable interconnecting element, constructed to break at a predetermined rupture point, said interconnecting element making the first body portion integral with the second body portion and a detector arrangement for giving the indication when the breakable ~~component-interconnecting element~~ of the sensor is ruptured.

50. (Previously presented) The method of claim 49, further comprising registering in a non-volatile memory a status of the breakable component of each sensor.

51. (Previously presented) A method as in claim 50, comprising registering the status of the breakable component at power-up and power-down events of a device comprising the acceleration sensor arrangement.
52. (Previously presented) A method as in claim 51, comprising storing time-stamped data in the non-volatile memory indicating the status of the breakable component at the two most recent power-up and power-down events.
53. (Previously presented) A method as in claim 52, comprising overwriting previous time-stamped data indicative of a previous event, if a current status of the breakable component is unchanged compared to a previous status indicated by the previous time-stamped data.
54. (Previously presented) The apparatus as in claim 43, wherein all sensors of the group are integrated in a single block and the single block further comprises means for storing indications containing at least the time when the indication was given and the identity of the detector.